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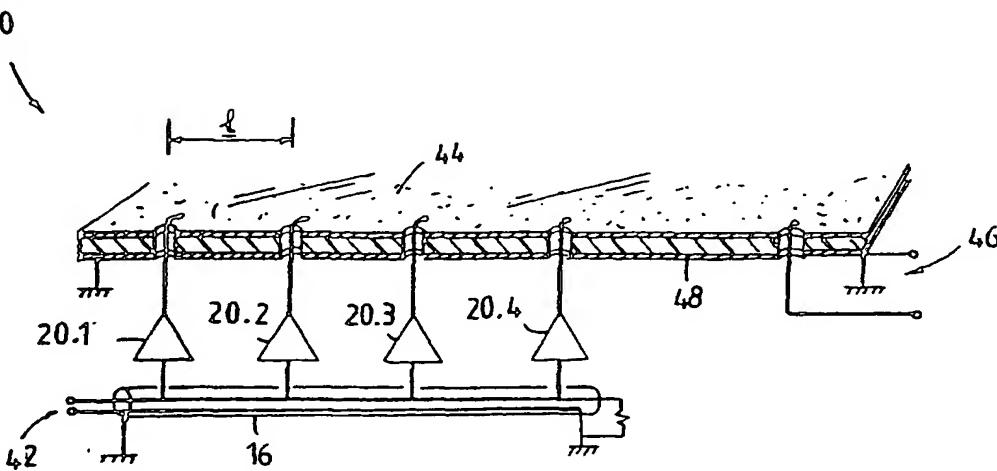
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(54) Title: LOW NOISE AMPLIFIER ARRANGEMENT



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(57) Abstract: An amplifier arrangement (10) comprises an input node (24) and an output node (26). A plurality of amplifiers (20.1 to 20.4) are connected in respective parallel paths (16 to 19) extending between the input node and the output node. The input node divides an input signal  $S_i(t)$  into signal parts  $s_1(t)$  to  $s_4(t)$  and feeds the signal parts along respective paths to the output node. The paths have equal propagation delays for the signal parts, to provide at the output node an output signal  $S_o(t)$  comprising a coherent summation of the signal parts and an incoherent summation of noise.